Project Part 2 Solutions / Part 3 Schema
CS-GY 6083 sections A and INET Fall 2024
Prof Frankl

Category(**mainCategory, subCategory**, catNotes)

Item(**temID**, iDescription, photo, color, isNew, hasPieces, material, mainCategory, subCategory)
        Item(mainCategory, subCategory) REFERENCES
                Category(mainCategory, subCategory)

Person(**userName**, password, fname, lname, email)

PersonPhone(**userName, phone)**
        PersonPhone(userName) REFERENCES Person(userName)

DonatedBy(**ItemID, userName**, donateDate)
        DonatedBy(ItemID) REFERENCES Item(ItemID)
        DonatedBy(userName) REFERENCES Person(userName)

Role(**roleID**, rDescription)

Act(**userName, roleID)**
        Act(userName) REFERENCES Person(userName)
        Act(roleID) REFERENCES Role(roleID)

Location(**roomNum, shelfNum,**, shelfDescription)

Piece(**ItemID, pieceNum**, pDescription, length, width, height, roomNum, shelfNum, pNotes)
        Piece(ItemID) REFERENCES Item(ItemID)
        Piece(roomNum,shelf) REFERENCES Location(roomNum,shelf)

Ordered(**orderID**, orderDate, orderNotes, supervisor, client)
        Ordered(supervisor) REFERENCES Person(userName)
        Ordered(client) REFERENCES Person(userName)

ItemIn(**ItemID, orderID**, found)
        ItemIn(ItemID) REFERENCES Item(ItemID)
        ItemIn(orderID) REFERENCES Ordered(orderID)

Delivered(**username, orderID**, status, date)
        Delivered(userName) REFERENCES Person(userName)
        Delivered(orderID) REFERENCES Order(orderID)